ABSTRACT

A device for variable activation of valves for internal combustion engines, which is arranged in a cylinder head having a camshaft mounted in a fixed location. The device has valves that close by means of spring force, and which are guided in a fixed location in the cylinder head together with a stroke transfer arrangement assigned to one of each of the valves. This device includes a movable element that is changeable in its position for setting the valve stroke setting. This movable element is arranged in the cylinder head, in a fixed location, as well as mounted so as to pivot about a pivot axis having a fixed position in the cylinder head, and has a support cam and a control cam. There is also an intermediate member that is supported on the element that can change position, and wherein this intermediate member is displaceably mounted, and is in engagement with a cam lever of the camshaft, as well as the stroke transfer arrangement. The intermediate member supports itself on the support cam and the control cam with a non-positive lock, sliding during the stroke movement. Whereby the control cam determines the stroke movement to be transferred to the stroke transfer arrangement by the intermediate member, as a function of the pivot position of the element that can change its position.